

Title (en)
ULTRASONIC SYSTEM AND METHOD APPLICABLE TO WIRELESS COMMUNICATION TERMINAL HAVING VARIOUS RESOLUTION LEVELS

Title (de)
ULTRASCHALLSYSTEM UND VERFAHREN FÜR EIN DRAHTLOSKOMMUNIKATIONSSENDGERÄT MIT MEHREREN AUFLÖSUNGSTUFEN

Title (fr)
SYSTÈME DE ULTRASONORE ET PROCÉDÉ APPLICABLE À UN TERMINAL DE COMMUNICATION SANS FIL AYANT DIVERS NIVEAUX DE RÉOLUTION

Publication
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Application
EP 15786419 A 20150313

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Abstract (en)
[origin: EP3138500A1] The present invention relates to a portable ultrasonic diagnostic device having a low power mode and a method for performing the same, and the portable ultrasonic diagnostic device having a low power mode, according to the present invention, comprises: an ultrasonic probe which transmits an ultrasonic signal to an object to be inspected, and then, which receives echo signals reflected from the object to be inspected; a beamformer which collects the echo signals reflected from the ultrasonic probe so as to generate frame data; a scan conversion unit which scans and converts the frame data generated in the beamformer so as to form ultrasonic images; a display unit provided with a display screen on which the scanned and converted ultrasonic images are displayed; a memory for storing image data on an image if an ultrasonic diagnosis is not carried on the image among the ultrasonic images of the display unit; an ultrasonic image comparison analyzer for comparing and analyzing the ultrasonic images of the display unit and the image data stored in the memory; and a low power mode control unit for enabling the whole circuit to enter a low power mode if it is determined that an ultrasonic image displayed on the display unit by the ultrasonic image comparison analyzer is an ultrasonic image for which the ultrasonic diagnosis has not been carried out.

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